

METHODS AND DEVICES FOR IMPROVING CARDIAC FUNCTION IN HEARTS

ABSTRACT

5 Various methods and devices are disclosed for improving cardiac
function in hearts having zones of infarcted (akinetic) and aneurysmal
(dyskinetic) tissue regions. The methods and devices reduce the radius of
curvature in walls of the heart proximal infarcted and aneurysmal regions to
reduce wall stress and improve pumping efficiency. The inventive methods and
10 related devices include splinting of the chamber wall proximal the infarcted
region and various other devices and methods including suture and patch
techniques.